

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF TRI-VILLAGE WATER)	
DISTRICT FOR A DEVIATION FROM THE)	
WATER STORAGE REQUIREMENTS OF 807)	CASE NO. 10264
KAR 5:066, SECTION 6(1) REGARDING)	
WATER PRESSURE)	

O R D E R

By letter received May 17, 1988, Tri-Village Water District ("Tri-Village") requested a deviation from 807 KAR 5:066, Section 6(1), which requires a water utility to insure that the pressure at the customer's service pipe be between 30 psig and 150 psig.

Additional information is needed for an adequate and proper consideration of the deviation requested by Tri-Village.

IT IS THEREFORE ORDERED that Tri-Village shall file an original and seven copies of the following information to the Commission, with a copy to all parties of record, no later than July 8, 1988.

1. Provide the following information to describe the demands for water on Tri-Village's water distribution system.

a. Total volumes purchased annually for 1984, 1985, and 1986.

b. Total volumes purchased monthly for the 12 months ending December 31, 1987.

c. Average 24-hour volume purchased during the 12 months ending December 31, 1987.

d. Maximum 24-hour volume purchased during the 12 months ending December 31, 1987.

e. Total days and highest number of successive days that the maximum 24-hour volume was purchased during the 12 months ending December 31, 1987.

f. Projected maximum daily demand volumes for 1990 similar to (d) and (e) above. Describe the method by which these projections were made.

2. Provide a map of Tri-Village's distribution system that shows the location, size, and the maximum and minimum pressure of all distribution mains, storage tanks, pumping stations, and any other significant features of the system. One inch on this map should not represent more than one mile on the ground.

3. Provide a list of customers affected by low water pressure supplied by Tri-Village. In the list, identify names, addresses, number of hours, time and dates.

4. Provide a 24-hour pressure recording chart showing the actual continuously measured pressure at all locations affected by low water pressure on Tri-Village's system. Identify the exact location and the sea elevation of each pressure recorder.

5. Provide a description of each of Tri-Village's storage facilities including their locations on the system and show total volume of storage on the system.

6. Provide a list of Tri-Village's large volume customers by name and maximum monthly and 24-hour usage by volume and by

percentage of Tri-Village's maximum monthly and 24-hour volumes. Describe these customers' water storage and/or distribution facilities, if any exist, and any sales/purchase agreements now in effect for such customers. Explain any seasonal variations that affect the purchase volumes of any of these customers. Describe Tri-Village's curtailment plan, if applicable, to any of these customers. Do not list customers who are purchasing less than five percent of Tri-Village's maximum monthly volumes.

7. Provide a technical summary of operational deficiencies of Tri-Village's water system that are known from experience or that have been indicated by hydraulic analyses.

8. List names and addresses of Tri-Village's customers that are providing critical health services.

9. Show number of hours under present operating conditions that service can be continued to hospitals, schools, and other similar facilities after an interruption of service by Tri-Village's supplier when the supply requirements to be met are: (a) maximum 24-hour volume, (b) average 24-hour volume, and (c) minimum 24-hour volume. Provide supplemental information as needed to explain how results for (a), (b), and (c) were obtained.

10. Describe past periods of interruption by the supplier for Tri-Village. List dates and total days or hours of interruption.

11. Provide detailed information on supplier's system that delivers water to Tri-Village. Include location and capacity of (a) treatment plant, (b) pumping stations, (c) storage tanks and

any other facilities required for the delivery of water to Tri-Village. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending December 31, 1987.

12. Does Tri-Village's water purchase agreement place a limit on the daily or monthly volumes that its supplier will furnish? If so, define these limits. If supplier provides certain volumes of storage for Tri-Village, provide a copy of the agreement that insures the provision of this storage by supplier and a statement reflecting Tri-Village's assessment of reliability of this agreement. Provide a copy of Tri-Village's water purchase agreement if its particulars cannot be readily described and note the particulars of interest to the instant case. Describe any curtailment aspects of the contract.

13. Describe supplier's capability for delivery of water pressure and volume at each point of delivery to Tri-Village. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to Tri-Village. Such features may include: (a) distance between supplier's tank and supplier's point of connection with Tri-Village, (b) size of the connecting main between Tri-Village and its supplier's tank, (c) capacity of supplier's treatment plant, (d) age of supplier's treatment plant, (e) condition of supplier's treatment plant, and (f) capacity and condition of supplier's pumping stations and tanks and supplier's general ability to respond to the needs of Tri-Village.

14. If the Farmers Home Administration holds any of Tri-Village's long-term debt, provide a copy of an FmHA letter stating its position with regard to the water pressure provided by Tri-Village and its request for a deviation from Commission regulations.

15. Describe Tri-Village's planning to date including its efforts to secure financing for improving the pressure at the customer's service pipe.

If the above listed items of information cannot be provided by July 8, 1988, Tri-Village should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission. Tri-Village shall furnish with each response the name of the witness who will be available for responding to questions concerning each item of information requested should a public hearing be required in this matter.

Done at Frankfort, Kentucky, this 20th day of June, 1988.

PUBLIC SERVICE COMMISSION

Richard D. Hennessy, Jr.
For the Commission

ATTEST:

Executive Director